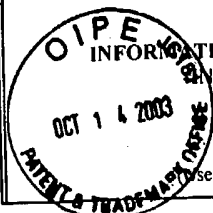


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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
<i>SBC</i>	AA	4,716,038	29-Dec-87	Stanford, et al.
	AB	4,724,144	9-Feb-88	Rook, et al.
	AC	5,114,844	19-May-92	Cohen, et al.
	AD	5,504,005	2-Apr-96	Bloom, et al.
	AE	6,335,183 B1	1-Jan-02	Young
	AF	6,338,952 B1	15-Jan-02	Young
	AG	4,918,166	17-Apr-90	Kingsmen, et al.
	AH	5,580,563 A	3-Dec-96	Tam, et al.
	AI	6,482,614 B1	19-Nov-02	Young
	AJ	4,557,931	10-Dec-85	Irie, et al.
	AK	6,030,618	29-Feb-00	Srivastava
	AA2	6,455,493 B1	24-Sep-02	Wallen, et al.
	AB2	6,403,099 B1	11-Jun-02	Rappuoli, et al.
	AC2	US-2002-0146426-A1	10-Oct-02	Huang, et al.
↓	AD2	US-2001-0005713-A1	28-Jun-01	Young
	AE2			
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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
<i>SBC</i>	AL	WO88/00974	11-Feb-88	PCT		
	AM	WO85/05034	21-Nov-85	PCT		
	AN	WO88/05823	11-Aug-88	PCT		
	AO	WO88/06591	7-Sep-88	PCT		
	AP	WO91/02542	7-Mar-91	PCT		
	AQ	WO91/15572	17-Oct-91	PCT		
	AL2	WO 92/08484	29-May-92	PCT		
	AM2	WO 92/08488	29-May-92	PCT		
	AN2	0 262 710	7-Sep-87	EPO		
	AO2	0 322 990	5-Jul-89	EPO		
	AP2	2 251 186	1-Jul-92	Great Britain		
	AQ2	WO 89/12455	28-Dec-89	PCT		
	AL3	WO 93/17712	16-Sep-93	PCT		
	AM3	WO 94/03208	17-Feb-94	PCT		
	AN3	WO 90/15873	27-Dec-90	PCT		
	AO3	WO 95/31994	30-Nov-95	PCT		
	AP3	WO 95/24923	21-Sep-95	PCT		
	AQ3	WO 94/29459	22-Dec-94	PCT		
	AL4	WO 97/06821	27-Feb-97	PCT		
	AM4	WO 98/23735	4-Jun-98	PCT		
	AN4	WO 97/26910	31-Jul-97	PCT		
	AO4	WO 96/10421	11-Apr-96	PCT		
	AP4	WO 95/24923	21-Sep-95	PCT		
	AQ4	WO 98/35705	20-Aug-98	PCT		
	AL5	WO 99/07860	18-Feb-99	PCT		
✓	AM5	WO 01/51081	19-Jul-01	PCT		

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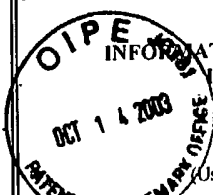
AR	Lamb, J.R., et al., "Stress Proteins may Provide a Link Between the Immune Response to Infection and Autoimmunity", <i>Int'l. Immun.</i> , 1(2):191-196 (1989).
AS	Young, R. A., "Stress Proteins and Immunology," <i>Annu. Rev. Immunol.</i> , 8:401-420 (1990).
AT	Lussow, A. R. et al., "Mycobacterial heat-shock proteins as carrier molecules," <i>Eur. J. Immunol.</i> , 21:2297-2302 (1991).
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AW	Del Giudice, G. D., et al., "Priming to Heat Shock Proteins in Infants Vaccinated against Pertussis," <i>J. Immunol.</i> , 150(5):2025-2032 (1993).
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AY	Miller, A. et al., "Immunotherapy in autoimmune diseases," <i>Curr. Opinion in Immun.</i> , 3:936-940 (1991).
AZ	Nadler, S. G. et al., "Interaction of the Immunosuppressant Deoxyspergualin with a Member of the Hsp70 Family of Heat Shock Proteins," <i>Science</i> , 258:484-486 (1992).
AR2	Elias, D. et al., "Induction and therapy of autoimmune diabetes in the non-obese diabetic (NOD/Lt) mouse by a 65-kDa heat shock protein," <i>Proc. Natl. Acad. Sci. USA</i> , 87:1576-1580 (1990).
AS2	Thole, J. E.R. et al., "Characterization, Sequence Determination, and Immunogenicity of a 64-Kilodalton Protein of Mycobacterium bovis BCG Expressed in Escherichia coli K-12," <i>Infection & Immunol.</i> , 55(6):1466-1475 (1987).
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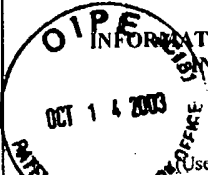
SBC	AU2	Husson, R. N. and Young, R.A., "Genes for the major protein antigens of Mycobacterium tuberculosis: The etiologic agents of tuberculosis and leprosy share an immunodominant antigen," Proc. Natl. Acad. Sci. USA, 84:1679-1683 (1987).
	AV2	Young, D. et al., "Stress proteins are immune targets in leprosy and tuberculosis," Proc. Natl. Acad. Sci. USA, 85:4267-4270 (1988).
	AW2	Lindquist, S. and Craig, E. A., "The Heat-Shock Proteins," Annu. Rev. Genet., 22:631-677 (1988).
	AX2	Welch, W. J. et al., "Biochemical Characterization of the Mammalian Stress Proteins and Identification of Two Stress Proteins as Glucose- and CA ²⁺ -Ionophore-regulated Proteins," J. Biol. Chem., 258(11):7102-7111 (1983)
	AY2	Ardeshir, et al., "A 75 Kd Merozoite Surface Protein of Plasmodium Falciparum which is Related to the 70 kd Heat-Shock Proteins", EMBO J., 6(2):493-499 (1987).
	AZ2	Vodkin, M.H. and Williams, J.C., "A Heat Shock Operon in Coxiella burnetii Produces a Major Antigen Homologous to a Protein in Both Mycobacteria and Escherichia coli", J. of Bacteriology, 170(3):1227-1234 (1988).
	AR3	Thole, J.E.R., et al., "Antigenic relatedness of a strongly immunogenic 65 kDa mycobacterial protein antigen with a similarly sized ubiquitous bacterial common antigen", Microbial Pathogenesis, 4:71-83 (1988).
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	AT3	Del Giudice, G., et al., "Heat shock proteins as "super"-carriers for sporozoite peptide vaccines", Research in Immunol., 162:703-707 (1991).
	AU3	Young, D.B., et al., "The 65kDa antigen of mycobacteria - a common bacterial protein?", Immunology Today, 8(7-8):215-219 (1987).
	AV3	Shinnick, T.M., et al., "The Etiologic Agents of Leprosy and Tuberculosis Share an Immunoreactive protein Antigen with the Vaccine Strain Mycobacterium bovis BCG", Infect. and Immun., 55(8):1932-1935 (1987).
↓	AW3	Kaufmann, S.H.E., et al., "Enumeration of T cells reactive with Mycobacterium tuberculosis organisms and specific for the recombinant mycobacterial 64-kDa protein", Eur. J. Immunol., 17:351-357 (1987).

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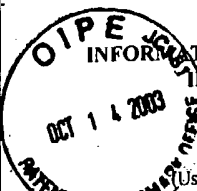
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Sbc	AX3	Jindal, S., "Heat Shock Proteins: Applications in health and disease," Trends in Biotech., 14(1):17-20, 1996.
	AY3	Suzue, K., et al., "Heat shock fusion proteins as vehicles for antigen delivery into the major histocompatibility complex class I presentation pathway," Proc. Natl. Acad. Sci. USA, 94(24):13146-13151 (1997).
	AZ3	Suzue, K. and Young R.A., "Adjuvant-Free hsp70 Fusion Protein System Elicits Humoral and Cellular Immune Responses to HIV-1 24 1," J. of Immunol., 156:873-879, (1996).
	AR4	Verdegaal, E.M.E. et al., "Heat Shock Protein 65 Induces CD62e, CD106, and CD54 on Cultured Human Endothelial Cells and Increases Their Adhesiveness for Monocytes and Granulocytes," J. Immunol., 157:369-376 (1996).
	AS4	Noll, A. and Autenrieti, I.B., "Immunity against Yersinia enterocolitica by Vaccination with Yersinia HSP60 Immunostimulating Complexes or Yersinia HSP60 plus Interleukin-12," Infect. & Immun., 64:2955-2961 (1996).
	AT4	Ferrero, R.L. et al., "The GroES homolog of Helicobacter pylori confers protective immunity against mucosal infection in mice," Proc. Natl. Acad. Sci. USA, 92:6499-6503 (1995).
	AU4	Gomez, F.J., et al., "Vaccination with Recombinant Heat Shock Protein 60 from Histoplasma capsulatum Protects Mice against Pulmonary Histoplasmosis," Infect. & Immun., 63:2587-2595 (1995).
	AV4	Srivastava, P.K. and Udono, H., "Heat shock protein-peptide complexes in cancer immunotherapy," Curr. Opin. Immunol., 6:728-732 (1994).
	AW4	DeNagel, D.C. and Pierce, S.K., "Heat Shock Proteins in Immune Responses," Crit. Rev. Immunol., 13(1):71-81 (1993).
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SBC	AZ4	Könen-Waisman, S. et al., "Self and Foreign 60 Kilodalton Heat Shock Protein T Cell Epitope Peptides Serve As Immunogenic Carriers for a T Cell-Independent Sugar Antigen," J. Immunol., 154:5977-5985 (1995).
	AR5	Friedland, J.S. et al., "Mycobacterial 65-kD heat shock protein induces release of proinflammatory cytokines from human monocytic cells," Clin. Exp. Immunol., 91:58-62 (1993).
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	AT5	Arrigo, A. and Welch, W.J., "Characterization and Purification of the Small 28,000-Dalton Mammalian Heat Shock Protein," J. Biol. Chem., 262(32):15359-15369 (1987).
	AU5	Catelli, M.G., et al., "The common 90-kd protein component of non-transformed '8S' steroid receptors is a heat-shock protein," EMBO J., 4(12):3131-3135 (1985).
	AV5	Zylicz, M., et al., "The grpE Protein of Escherichia coli," J. Biol. Chem., 262(36):17437-17444 (1987).
	AW5	Chandrasekhar, G.N., et al., "Purification and Properties of the groES Morphogenetic Protein of Escherichia coli," J. Biol. Chem. 261(26):12414-12419 (1986).
	AX5	Zylicz, M. and Georgopoulos, C., "Purification and Properties of the Escherichia coli dnaK Replication Protein," J. Biol. Chem. 259(14):8820-8825 (1984).
	AY5	Welch, W.J. and Feramisco, J.R., "Purification of the Major Mammalian Heat Shock Proteins," J. Biol. Chem. 257(24):14949-14959 (1982).
	AZ5	Davis, B.D., et al., Microbiology, second edition, Harper & Row, Publishers, pp. 600 & 622. (1973)
	AR6	Doherty, et al., Evasion of host immune responses by tumours and viruses, "Vaccines against virally induced cancers", Wiley, Chichester (Ciba Foundation Symposium 187), pp. 245-260. See page 245, Abstract. (1994)
✓	AS6	Hird, et al., Immunotherapy with Monoclonal Antibodies, Genes and Cancer, Edited by Carney, et al., pp. 183-189, see page 185, first paragraph. (1990)

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882	AT6	Oettgen, H.F. and Old, L.J., "Chapter 6: The History of Cancer Immunotherapy." In <i>Biologic Therapy of Cancer</i> , De Vita, V.T., Hellman, S. and Rosenberg, S.A., eds., (London: J.B. Lippincott) pp. 98-103 (1991).
	AU6	Hudson, C.N., et al., "Active Specific Immunotherapy for Ovarian Cancer," <i>The Lancet</i> , 2:877-879 (1976, October 23).
	AV6	Sparks, F.C., et al., "Immunology and Adjuvant Chemoimmunotherapy of Breast Cancer," <i>Arch Surg</i> , 111:1057-1062 (1976, October).
	AW6	Humphrey, L.J., et al., "Adjuvant Immunotherapy for Melanoma," <i>J. of Sur. Oncol.</i> , 25:303-305 (1984).
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	AR7	Murray, D.R., et al., "Viral Oncolysate in the Management of Malignant Melanoma, II. Clinical Studies" <i>Cancer</i> , 40:680-686 (1977, August).
	AS7	Srivastava, P.K., and Das, M.R., "The Serologically Unique Cell Surface Antigen of Zajdela Ascitic Hepatoma is Also Its Tumor-Associated Transplantation Antigen," <i>Int. J. Cancer</i> , 33:417-422 (1984).
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✓	AW7	Srivastava, P.K. and Old, L.J., "Individually Distinct Transplantation Antigens of Chemically Induced Mouse Tumors," <i>Immunology Today</i> , 9:78-83 (1988, March).

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AX7	Srivastava, P.K. and Maki, R. G., "Stress-Induced Proteins in Immune Response to Cancer," Curr. Top. Microbiol. Immunol., 167:109-123 (1991).
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AZ7	McCulloch, P.B., et al., "Recurrent Malignant Melanoma: Effect of Adjuvant Immunotherapy on Survival," Can. Med. Assoc. J., 117:33-36 (1977, July).
AR8	Hagbin, M., et al., "Immunotherapy with Oral BCG and Serial Immune Evaluation in Childhood Lymphoblastic Leukemia Following Three Years of Chemotherapy," Cancer, 46:2577-2586 (1980, December).
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AT8	Silverstein, A.M., "The History of Immunology," In Fundamental Immunology, 2nd Edition, Paul, W.E., ed., (NY:Raven Press), pp.21, 23-24 (1989).
AU8	Murphy, J.R. and Lefford, M.J., "Host Defenses in Murine Malaria: Induction of a Protracted State of Immunity with a Formalin-Killed Plasmodium berghei Blood Parasite Vaccine," Infect. Immun., 22:798-803 (1978).
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AR9	Li, Z. and Srivastava, P.K., "Tumor Rejection Antigen gp96/grp94 is an ATPase: Implications for Protein Folding and Antigen Presentation," The EMBO Journal, 12(8):3143-3151 (1993).
AS9	Udono, H. and Srivastava, P.K., "Heat Shock Protein 70-associated Peptides Elicit Specific Cancer Immunity," J. Exp. Med., 178:1391-1396 (1993, October).
AT9	Welch, W.J. and Feramisco, J.R., "Rapid Purification of Mammalian 70,000-Dalton Stress Proteins: Affinity of the Proteins for Nucleotides," Mol. & Cell. Bio., 3:1229-1237 (1985).
AU9	DuBois, G.C., et al., "Isolation of a Tumor-Associated Transplantation Antigen (TATA) From an SV40-Induced Sarcoma. Resemblance to the TATA of Chemically Induced Neoplasms," Int. J. Cancer, 34:561-566 (1984).
AV9	La Thangue, N.B. and Latchman, D.S., "A Cellular Protein Related to Heat-Shock Protein 90 Accumulates during Herpes Simplex Virus Infection and Is Overexpressed in Transformed Cells," Experimental Cell Research, 178:169-179 (1988).
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AY9	Cohen, J., "Jitters Jeopardize AIDS Vaccine Trials," Science 262:980-981 (1993).
AZ9	Haynes, B.F., "Scientific and Social Issues of Human Immunodeficiency Virus Vaccine Development," Science 260:1279-1286 (1993).
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AS10	Arnosti, et al., "Characterization of Heat Shock in <i>Bacillus subtilis</i> ," J. Bact. 168(3):1243-1249 (Dec. 1986).
AT10	Gomes, et al., "Heat Shock Protein Synthesis During Development in <i>Caulobacter crescentus</i> ," J. Bact. 168(3):923-930 (Nov. 1986).

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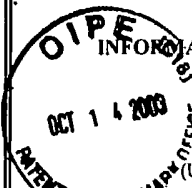
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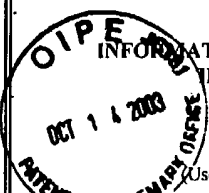
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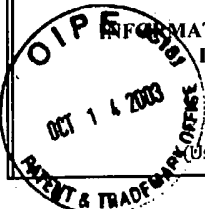
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